



Slate



SLATE RANGE



Wienerberger

Slate colour range

Balmoral, New Cassius®, New Rivius®, Calderdale and TLE colours



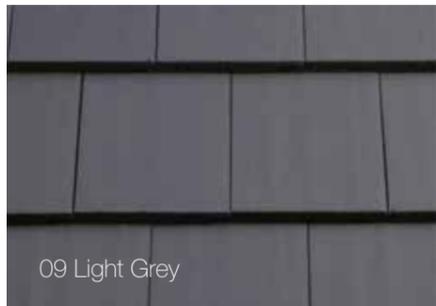
68 Antique Slate



63 Heather**



14 Dark Grey



09 Light Grey

BritSlate® and BritLock® Slate colours



55 Graphite



53 Lakeland Green

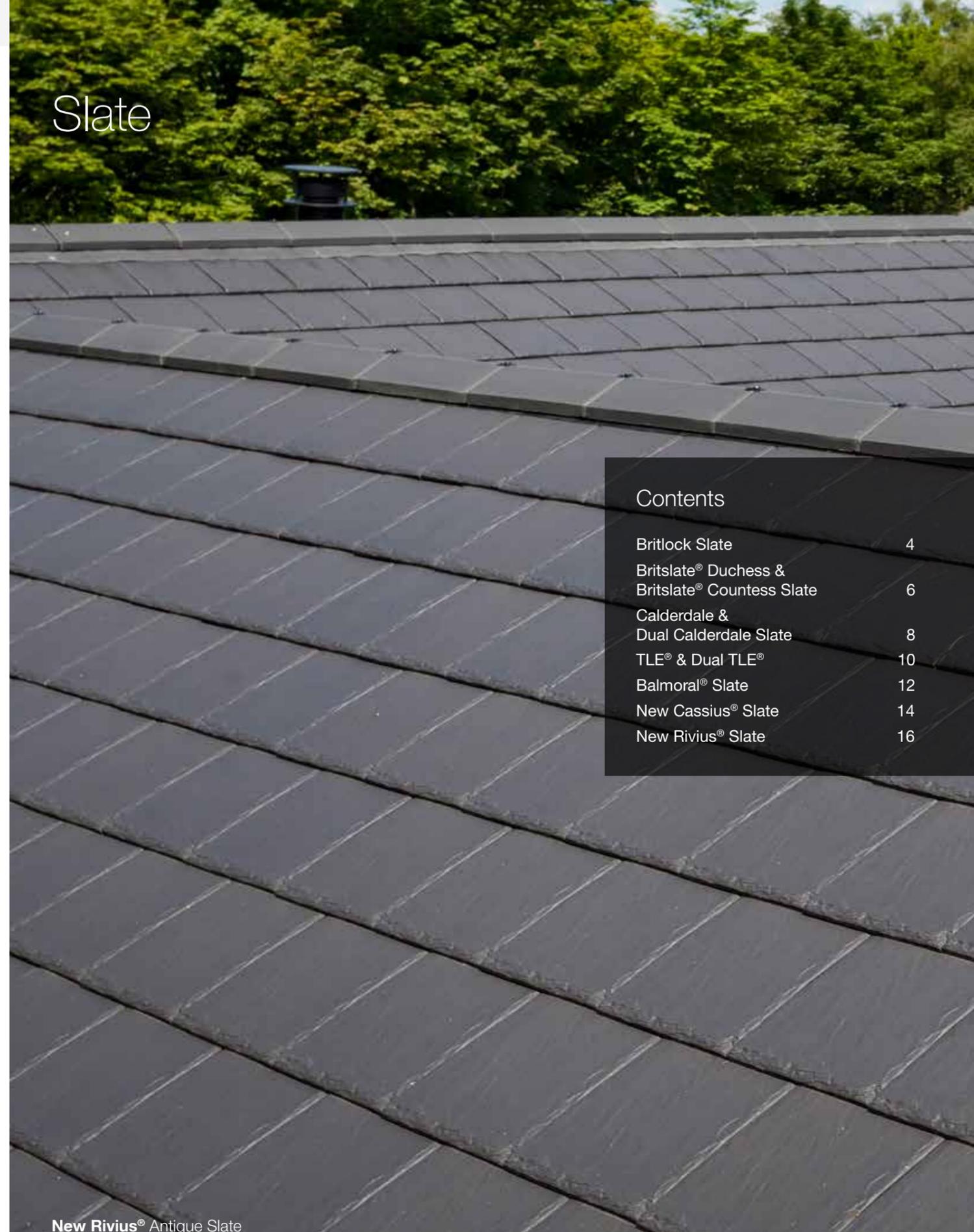
Please note that some colours may not be available from stock and lead times could apply, please call Customer Support for more information.

Slight colour variations may occur as a consequence of the production process. It is therefore advisable not to mix tiles from different batches on the roof. To achieve the best effect, tiles should be taken from several pallets and mixed at random on the roof.

*Made to order

**Only available for New Rivius

Slate



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New Rivius® Antique Slate

BritLock® Slate

The BritLock® Slate is made from 80% recycled natural slate, sourced from within the UK. The interlocking lightweight design saves energy in production, transportation and installation.



Technical Data

Minimum roof pitch*	17.5°† at 120 mm headlap 22.5° at 75 mm headlap
Headlap (minimum)	75 mm
Headlap (maximum)	120 mm
Batten spacing at max. gauge	285 mm
Batten spacing at min. gauge	240 mm
Size of slate	360 x 340 mm
Covering capacity	13.9 slates per m ² at 120 mm headlap 11.7 slates per m ² at 75 mm headlap
Cover width	300 mm
Profile depth	11 mm
Hanging length	354 mm
Quantity per crate	500
Battens per m ²	4.2 m at 120 mm headlap 3.5 m at 75 mm headlap
Batten size	
Up to 450 mm rafter centres	38 x 25 mm
Up to 600 mm rafter centres	50 x 25 mm
Nail size/type for slates	38 x 2.95 mm aluminium ring shank clout head nail

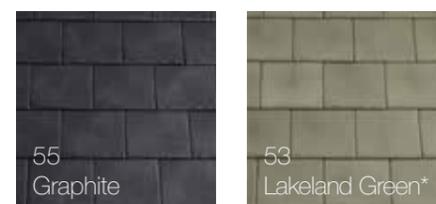
Unless otherwise stated, data is based on tiles laid at minimum headlap.

†For projects where the rafters are below 22.5° the roof substructure must be installed in accordance with our Low Pitch Installation Guide available at www.wienerberger.co.uk. Concealed tile ventilators must not be used on roof pitches below 22.5°. A low pitch version is available. Please contact Technical Services for further information.

Rafter length restrictions apply at minimum roof pitch.

Please go to www.roofspec.co.uk to generate your own quantity estimate and roof specification.

Colours



*Lead times may apply

- Made from 80% recycled slate waste
- Quicker and easier to install than natural slate
- Reduces completion times by up to 30%
- Significant weight saving over natural slate
- Requires fewer battens on the roof
- No holing or sorting needed
- Weathers like natural slate

A lightweight fully interlocking slate with a riven surface and thin leading edge. The single lap design offers savings through faster and easier fixing and reduced roof loadings.

Fittings and accessories

Slate fittings:	- LH verge slate - Half slates (LH & RH verge)
Ridges:	- Duracoat legged angle - Duracoat half round - Clay half round
Mono ridges:	- Duracoat legged angle - Duracoat half round - Clay half round
Hips:	- Duracoat legged angle - Duracoat segmental - Clay third round
Valleys:	- Lead - Fibreglass
Clips:	- Slate - Eaves - Verge/Valley

For clay and Duracoat ridges see page 116, for fittings and accessories see page 126

Roofing systems

Dry roof systems:	- Ridge - Hip - Verge - Valley
Ventilation systems:	- Ridge - Eaves - Top abutment - Slate vent†

See page 128



Britlock® Slate Graphite

BritSlate® Duchess & BritSlate® Countess Slate

The BritSlate is made from recycled natural British slate, pulverised and re-formed in two traditional slate sizes with a riven appearance and dressed edges.



Technical Data	BritSlate Duchess	BritSlate Countess
Minimum roof pitch*	†20°	22.5°
Size of slate	610 x 305 mm	510 x 255 mm
Cover width	305 mm	255 mm
Profile depth	6 mm	6 mm
Quantity per crate	750	1000
Batten size – up to 600 mm rafter centres	50 x 25 mm	50 x 25 mm
Nail size/type for slates	38 x 2.95 mm ring shank clout head	

Moderate exposure	20°†	22.5°†	25°	30°	35°	40°	45°	69°
Rafter pitch								
Headlap (minimum)								
Duchess	130	115	90	75	75	65	65	–
Countess	–	115	90	75	75	65	65	65
Coverage (m²)								
Duchess	13.7	13.3	12.6	12.3	12.3	12.1	12.1	–
Countess	–	19.9	18.7	18.1	18.1	17.7	17.7	17.7
Batten gauge (mm)								
Duchess	240	247	260	267	267	272	272	–
Countess	–	197	210	217	217	222	222	222
Battens per m²								
Duchess (m)	4.16	4.05	3.84	3.74	3.68	3.68	–	–
Countess (m)	–	5.08	4.76	4.61	4.65	4.5	4.5	4.5

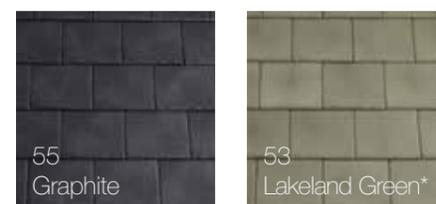
Severe exposure	†20°	†22.5°	25°	30°	35°	40°	45°	69°
Rafter pitch								
Headlap (minimum)								
Duchess	–	130	120	110	90	80	75	–
Countess	–	–	115	100	90	75	75	75
Coverage (m²)								
Duchess	–	13.7	13.4	13.1	12.6	12.4	12.3	–
Countess	–	–	19.9	19.1	18.7	18.1	18.1	18.1
Batten gauge (mm)								
Duchess	–	240	245	250	260	265	267	–
Countess	–	–	197	205	210	217	217	217
Battens per m²								
Duchess (m)	–	4.16	4.08	4.00	3.84	3.77	3.74	–
Countess (m)	–	–	5.08	4.88	4.76	4.61	4.61	4.61

Unless otherwise stated, data is based on tiles laid at minimum headlap.

†For projects where the rafters are below 22.5° the roof substructure must be installed in accordance with our Low Pitch Installation Guide available at www.wienerberger.co.uk. Concealed tile ventilators must not be used on roof pitches below 22.5°. A low pitch version is available. Please contact Technical Services for further information.

Rafter length restrictions apply at minimum roof pitch. Please go to www.roofspec.co.uk to generate your own quantity estimate and roof specification.

Colours



*Lead times may apply.



Fittings and accessories

Slate fittings:

- Slate-and-a-half slates
- Double slates
- Eaves slates
- Tops slates

Ridges:

- Duracoat legged angle
- Concrete legged angle

Mono ridges:

- Duracoat legged angle
- Concrete legged angle

Hips:

- Duracoat legged angle
- Concrete legged angle

Valleys:

- Lead
- Fibreglass

Clips:

- Slate hooks
- Verge/Valley

For clay and Duracoat ridges see page 116, for fittings and accessories see page 126

Roofing systems

Dry roof systems:

- Ridge
- Hip
- Verge

Ventilation systems:

- Ridge
- Eaves
- Top abutment
- Slate vent†

See page 128



Britslate® Duchess Graphite

Calderdale & Dual Calderdale

Large Format Tile

Calderdale gives a slate-like appearance and offers all the benefits of modern interlocking design.



Technical data – Calderdale and Dual Calderdale

Minimum roof pitch*	17.5°† at 100 mm headlap 22.5° at 75 mm headlap
Headlap (minimum)	75 mm
Headlap (maximum)	120 mm
Batten spacing at max. gauge	345 mm
Batten spacing at min. gauge	300 mm
Size of slate	420 x 334 mm
Covering capacity at max. gauge	10.6 slates per m ² at 100 mm headlap 9.9 slates per m ² at 75 mm headlap
Cover width	294 mm
Profile depth	32 mm
Hanging length	399 mm
Quantity per pallet	204
Battens per m ²	3.1 m at 100 mm headlap 2.9 m at 75 mm headlap
Batten size	
Up to 450 mm rafter centres	38 x 25 mm
Up to 600 mm rafter centres	50 x 25 mm
Nail size/type for slates	50 x 3.35 mm aluminium ring shank clout head
Nail size/type for slate clips	50 x 3.35 mm aluminium ring shank clout head

Unless otherwise stated, data is based on tiles laid at minimum headlap.

†For projects where the rafters are below 22.5° the roof substructure must be installed in accordance with our Low Pitch Installation Guide available at www.wienerberger.co.uk. Concealed tile ventilators must not be used on roof pitches below 22.5°. A low pitch version is available. Please contact Technical Services for further information.

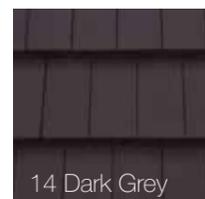
Rafter length restrictions apply at minimum roof pitch.

Please go to www.roofspec.co.uk to generate your own quantity estimate and roof specification.

Calderdale colours – Smoothfaced



Dual Calderdale colours – Smoothfaced



Please note that some colours may not be available from stock and lead times could apply, please call customer support for more information.

Fittings and accessories

Tile fittings:	- LH verge tile* - Half tiles (LH & RH verge)*
Ridges:	- Legged angle
Mono ridges:	- Legged angle
Hips:	- Legged angle
Valleys:	- Lead - Fibreglass
Clips:	- Tile - Eaves - Verge

See pages 126

Roofing systems

Dry roof systems:	- Ridge - Hip - Verge - Valley
Ventilation systems:	- Ridge - Eaves - Top abutment - Tile vent†

See page 128

*Not available for Dual Calderdale



Calderdale Dark Grey



TLE® & Dual TLE

Large Format Tile

TLE® is one of the thinnest leading edges on the market. It gives a slate-like appearance and offers all the benefits of a modern interlocking design.

Technical data – TLE® and Dual TLE®

Minimum roof pitch*	17.5°† at 100 mm headlap 22.5° at 75 mm headlap
Headlap (minimum)	75 mm
Headlap (maximum)	120 mm
Batten spacing at max. gauge	345 mm
Batten spacing at min. gauge	300 mm
Size of slate	420 x 334 mm
Covering capacity at max. gauge	10.2 slates per m ² at 100 mm headlap 9.5 slates per m ² at 75 mm headlap
Cover width	305 mm
Profile depth	19 mm
Hanging length	399 mm
Quantity per pallet	240
Battens per m ²	3.1 m at 100 mm headlap 2.9 m at 75 mm headlap
Batten size	
Up to 450 mm rafter centres	38 x 25 mm
Up to 600 mm rafter centres	50 x 25 mm
Nail size/type for slates	50 x 3.35 mm aluminium ring shank clout head
Nail size/type for metal slate clips	50 x 3.35 mm aluminium ring shank clout head

Unless otherwise stated, data is based on tiles laid at minimum headlap.

†For projects where the rafters are below 22.5° the roof substructure must be installed in accordance with our Low Pitch Installation Guide available at www.wienerberger.co.uk. Concealed tile ventilators must not be used on roof pitches below 22.5°. A low pitch version is available. Please contact Technical Services for further information.

Rafter length restrictions apply at minimum roof pitch.

Please go to www.roofspec.co.uk to generate your own quantity estimate and roof specification.

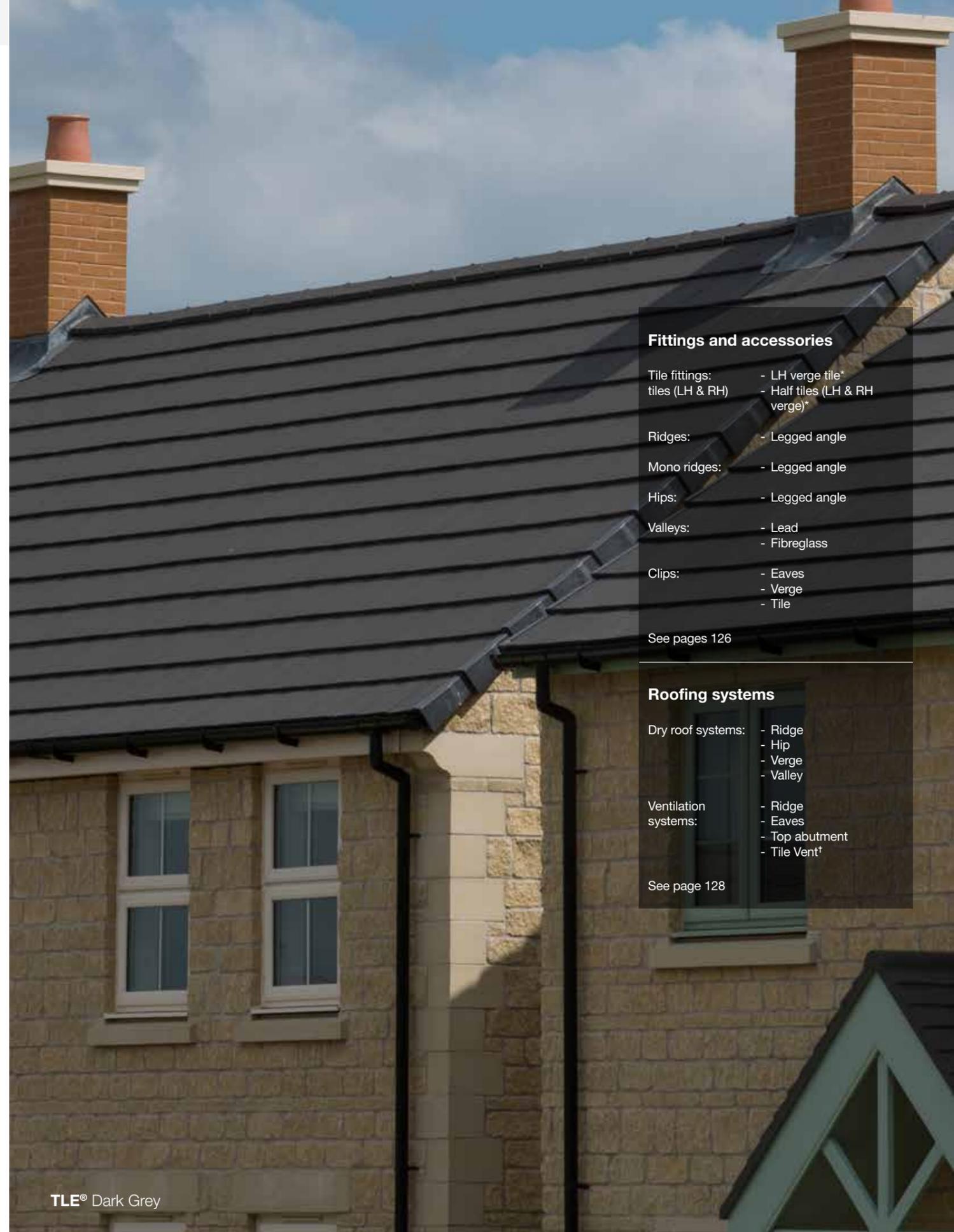
*Not available for Dual TLE



Colours - Smoothfaced



14 Dark Grey



Fittings and accessories

Tile fittings: tiles (LH & RH)	- LH verge tile* - Half tiles (LH & RH verge)*
Ridges:	- Legged angle
Mono ridges:	- Legged angle
Hips:	- Legged angle
Valleys:	- Lead - Fibreglass
Clips:	- Eaves - Verge - Tile

See pages 126

Roofing systems

Dry roof systems:	- Ridge - Hip - Verge - Valley
Ventilation systems:	- Ridge - Eaves - Top abutment - Tile Vent†

See page 128

TLE® Dark Grey



Balmoral® Slate

New Generation interlocking clay slate with an authentic slate appearance thanks to a riven surface, dressed edges and colour permanent ceramic finish.

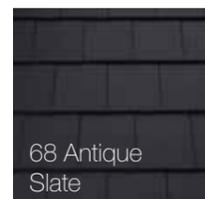


Technical Data

Minimum roof pitch	22.5°
Headlap (minimum)	75 mm
Headlap (maximum)	120 mm
Batten spacing at max. gauge	255 mm
Batten spacing at min. gauge	210 mm
Size of slate	330 x 226 mm
Covering capacity at max. gauge	20.5 slates per m ²
Cover width	191 mm
Profile depth	16 mm
Hanging length	300 mm
Quantity per pallet	480
Battens per m ²	3.9 m
Batten size	
Up to 450 mm rafter centres	38 x 25 mm
Up to 600 mm rafter centres	50 x 25 mm
Nail size/type for slates	45 x 3.35 mm aluminium ring shank clout head
Nail size/type for metal slate clips	55 x 3.35 mm aluminium ring shank clout head

Unless otherwise stated, data is based on tiles laid at minimum headlap.
Please go to www.roofspec.co.uk to generate your own quantity estimate and roof specification.

Colours



68 Antique
Slate



Fittings and accessories

Slate fittings:	- LH verge slate - Slate-and-a-half slates (LH & RH verge)
Ridges:	- Duracoat legged angle - Duracoat half round - Clay half round - Clay angle
Mono ridges:	- Duracoat legged angle - Duracoat half round - Clay half round
Hips:	- Duracoat legged angle - Duracoat segmental - Clay third round - Clay angle
Valleys:	- Lead - Fibreglass
Clips:	- Slate - Eaves - Verge

For clay and Duracoat ridges see page 116,
for fittings and accessories see page 126

Roofing systems

Dry roof systems:	- Ridge - Hip - Verge - Valley
Ventilation systems:	- Ridge - Eaves - Top abutment - Slate vent

See page 128

Balmoral® Slate Antique Slate



New Cassius®

Large Format Tile

New Cassius® is a thin leading edge tile that creates an attractive natural clay roof, while the large format size and interlocking design reduce material and installation costs.



Technical Data

Minimum roof pitch	22.5°
Headlap (minimum)	75 mm
Headlap (maximum)	120 mm
Batten spacing at max. gauge	343 mm
Batten spacing at min. gauge	298 mm
Size of slate	418 x 335 mm
Covering capacity at max. gauge	9.5 tiles per m ²
Cover width	307 mm
Profile depth	16 mm
Hanging length	390 mm
Quantity per pallet	240
Battens per m ²	2.9 m
Batten size	
Up to 450 mm rafter centres	38 x 25 mm
Up to 600 mm rafter centres	50 x 25 mm
Nail size/type for slates	45 x 3.35 mm aluminium ring shank clout head
Nail size/type for metal slate clips	55 x 3.35 mm aluminium ring shank clout head

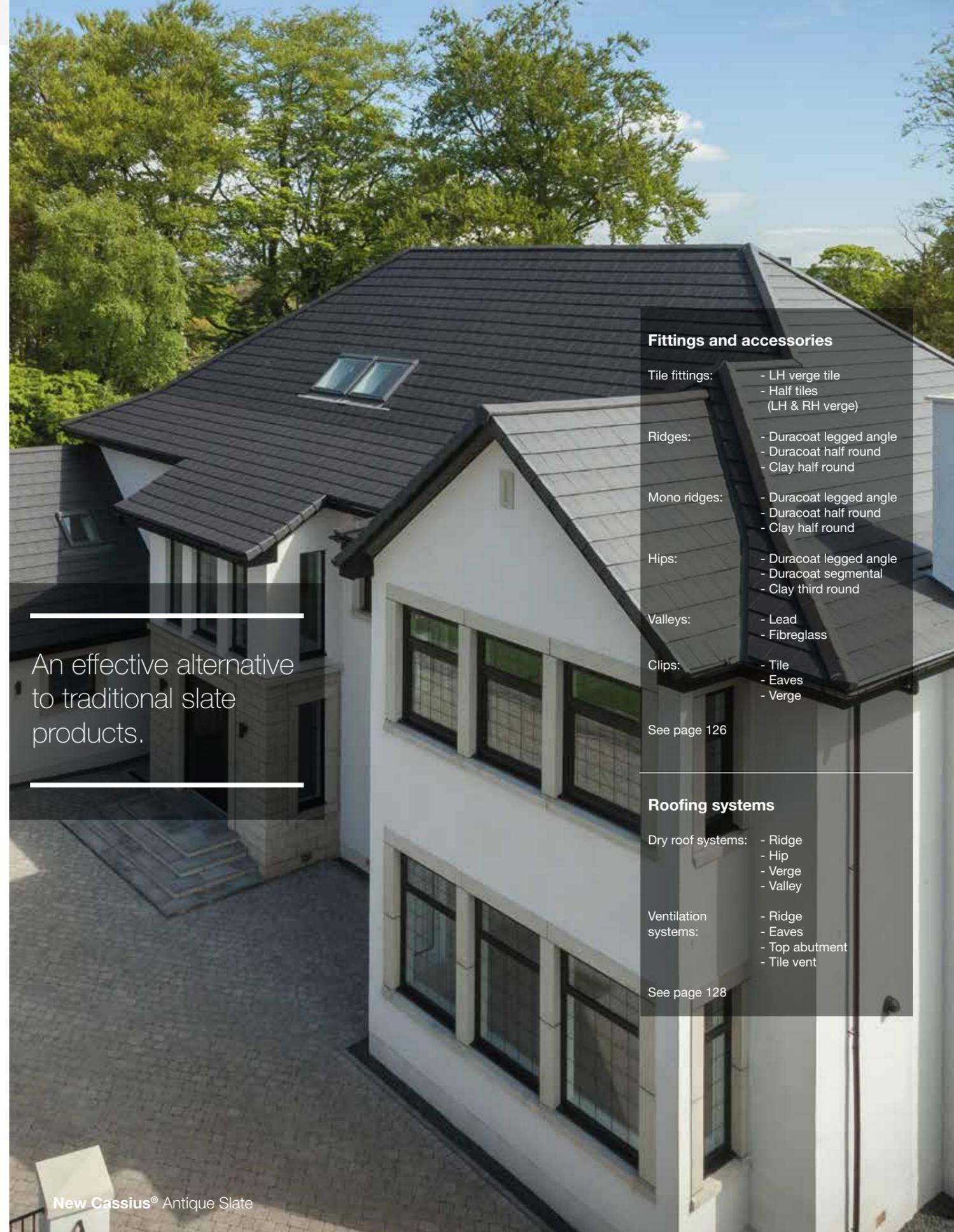
Unless otherwise stated, data is based on tiles laid at minimum headlap.
Please go to www.roofspec.co.uk to generate your own quantity estimate and roof specification.

- New Generation interlocking clay tile with easy to lay open gauge
- Over 50% more cost effective than traditional natural slate
- Large format design means competitive with concrete thin leading edge products
- Clean lines and well defined thin leading edge enhances aesthetics
- Pressed from natural alluvial Humber clay
- High performance weatherproof design developed through intensive wind tunnel testing
- Manufactured to Environmental Management Standard ISO 14001

Colours



68 Antique Slate



An effective alternative to traditional slate products.

Fittings and accessories

Tile fittings:	- LH verge tile - Half tiles (LH & RH verge)
Ridges:	- Duracoat legged angle - Duracoat half round - Clay half round
Mono ridges:	- Duracoat legged angle - Duracoat half round - Clay half round
Hips:	- Duracoat legged angle - Duracoat segmental - Clay third round
Valleys:	- Lead - Fibreglass
Clips:	- Tile - Eaves - Verge

See page 126

Roofing systems

Dry roof systems:	- Ridge - Hip - Verge - Valley
Ventilation systems:	- Ridge - Eaves - Top abutment - Tile vent

See page 128

New Cassius® Antique Slate



New Rivius® Large Format Slate

Featuring a riven surface and dressed edges with a colour permanent ceramic finish, this large format interlocking slate offers significant cost savings over double lap slate products.



Technical Data

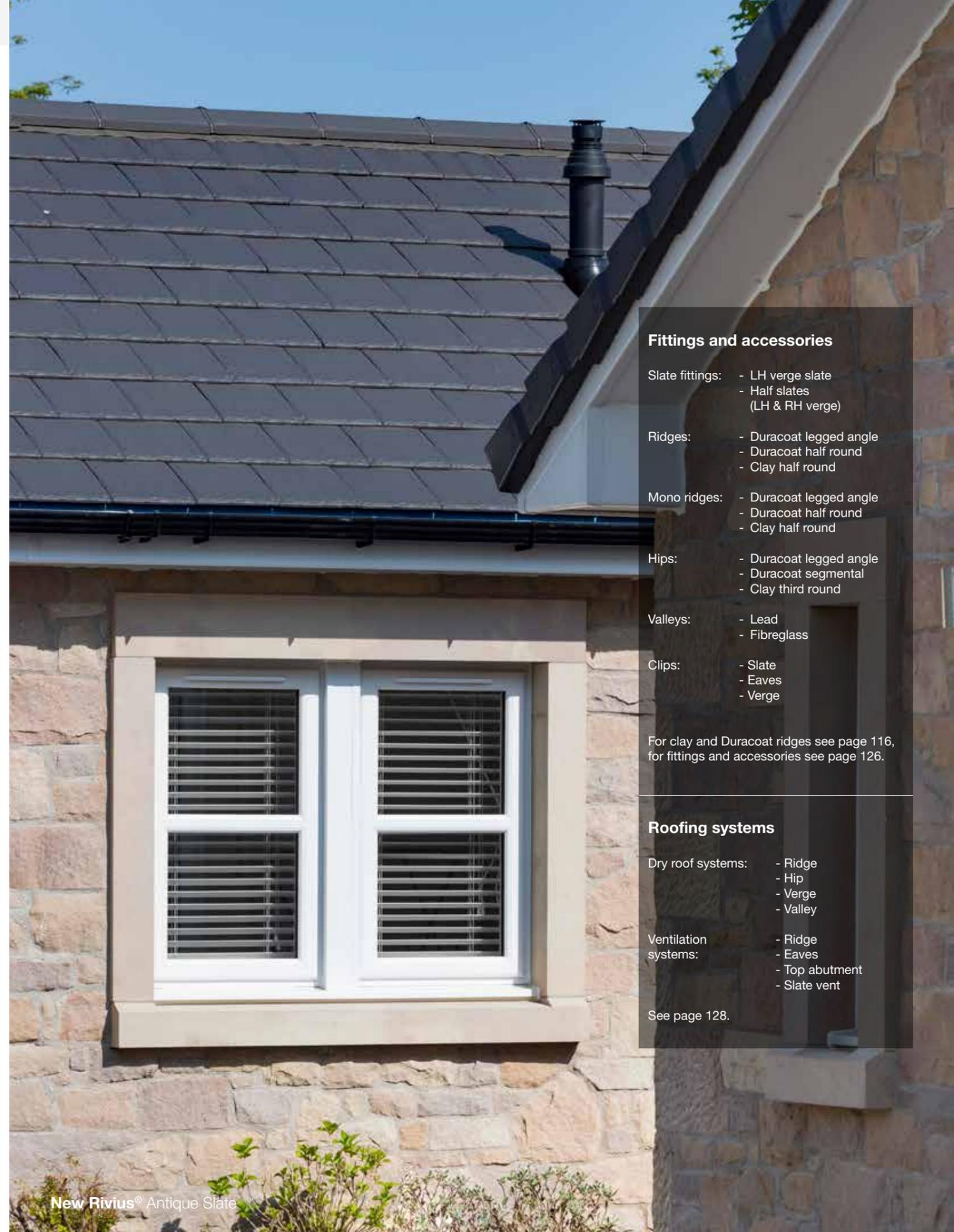
Minimum roof pitch	22.5°
Headlap (minimum)	75 mm
Headlap (maximum)	120 mm
Batten spacing at max. gauge	343 mm
Batten spacing at min. gauge	298 mm
Size of slate	418 x 335 mm
Covering capacity at max. gauge	9.5 slates per m ²
Cover width	307 mm
Profile depth	16 mm
Hanging length	390 mm
Quantity per pallet	240
Battens per m ²	2.9 m
Batten size	
Up to 450 mm rafter centres	38 x 25 mm
Up to 600 mm rafter centres	50 x 25 mm
Nail size/type for slates	45 x 3.35 mm aluminium ring shank clout head
Nail size/type for metal slate clips	55 x 3.35 mm aluminium ring shank clout head

Unless otherwise stated, data is based on tiles laid at minimum headlap.

Please go to www.roofspec.co.uk to generate your own quantity estimate and roof specification.

- New Generation interlocking clay slate with easy to lay open gauge
- Around 50% more cost effective than natural slate
- Large format interlocking design saves material and installation costs
- Riven surface and dressed edges enhance slate appearance
- Pressed from natural alluvial Humber clay and available in colour permanent
- High performance weatherproof design developed through intensive wind tunnel testing
- Manufactured to Environmental Management Standard ISO 14001

Colours



Fittings and accessories

Slate fittings: - LH verge slate
- Half slates (LH & RH verge)

Ridges: - Duracoat legged angle
- Duracoat half round
- Clay half round

Mono ridges: - Duracoat legged angle
- Duracoat half round
- Clay half round

Hips: - Duracoat legged angle
- Duracoat segmental
- Clay third round

Valleys: - Lead
- Fibreglass

Clips: - Slate
- Eaves
- Verge

For clay and Duracoat ridges see page 116, for fittings and accessories see page 126.

Roofing systems

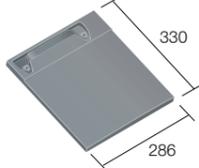
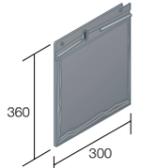
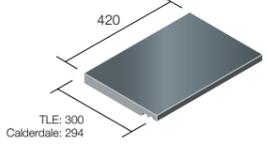
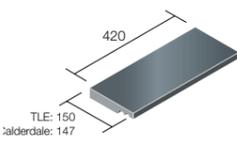
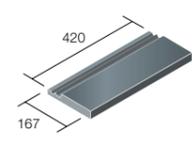
Dry roof systems: - Ridge
- Hip
- Verge
- Valley

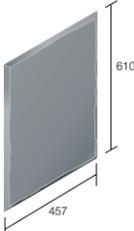
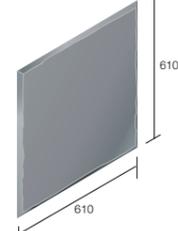
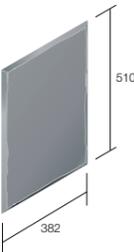
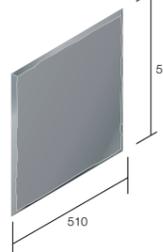
Ventilation systems: - Ridge
- Eaves
- Top abutment
- Slate vent

See page 128.



Slate Fittings

Slate	LH verge slate	LH verge half slate/slate-and-a-half	RH verge half slate/slate-and-a-half
Balmoral			
New Cassius and New Rivius			
BritLock <small>BritLock double slate is also available</small>			
Calderdale, TLE			

Slate	Slate and Half	Double Slate	Eaves/Tops Slate
BritSlate Duchess			
BritSlate Countess			

Please note not all fittings, in all colours are available from stock. Please contact Customer Support for further information. For ridge ventilators see page 128

Slate Fittings

Slate	Slate Clip	Verge Clip	Eaves Clip
Balmoral, New Rivius, New Cassius, Calderdale, Dual Calderdale, TLE and Dual TLE			
BritLock	Not required	Verge/valley clip 	Not required
BritSlate	Slate hook 	Verge/valley clip 	Not required

For Clay ridges see page 116, for Concrete ridges see page 122

Nail type: aluminium clout head
1 When used in conjunction with Over Fascia Ventilator Strip, nail length should be increased to 40 mm for 10 mm Over Fascia Ventilator Strip, or 50 mm for 25 mm Over Fascia Ventilator Strip.